



U. S. Steel  
Clairton Works  
400 State Street  
Clairton, PA 15025-1855

July 15, 1993

Director  
Bureau of Air Quality Control  
Department of Environmental Resources  
Executive House - 2nd & Chestnut Sts.  
P.O. Box 2357  
Harrisburg, PA 17105-2357

Deputy Director  
Allegheny County Health Department  
Bureau of Air Pollution Control  
301 Thirty-ninth Street  
Pittsburgh, PA 15201

U.S. Environmental Protection Agency  
Region III  
841 Chestnut Building  
Philadelphia, PA 19107  
ATTN: Director  
Air Management Division

Chief, Office of Chief Counsel  
Western Region  
Department of Environmental Resources  
400 Waterfront Drive  
Pittsburgh, PA 15222-4745

Group Against Smog and Pollution  
P.O. Box 5165  
Pittsburgh, PA 15206  
(Cover Letter Only)

PARAGRAPH VI(M) CIVIL ACTION 79-709  
MON VALLEY CONSENT DECREE  
PROGRESS REPORT

This submittal represents the Quarterly Progress Report for the second quarter of 1993, as required by Paragraph VI(M) of the Amended Consent Decree.

This will be the last report under the Amended Consent Decree. Future reporting will be pursuant to the terms of the Second Consent Decree entered June 24, 1993.

A computer generated CEM report for Clairton Works #2 boiler was submitted for the first quarter of 1993 in accordance with 40 C.F.R. Part 51, Appendix P, and Section 204 of Article XX.

Clairton Works #2 boiler was down for its annual maintenance outage from April 30, 1993 thru June 10, 1993.

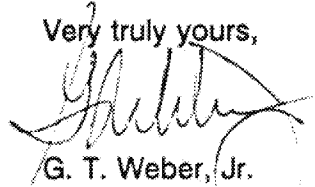
Battery #15 was placed into production on April 1, 1993, after being in the "Idle Hot" mode since 1/25/91. Batteries 19 and 20 were placed on 1/2 production on April 11, 1993 to begin major repair work on oven through walls and pusher rails and support structures.



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Progress Report  
July 15, 1993

Mass emissions compliance testing was conducted on battery combustion stack #15 during the second quarter of 1993. A report on #15 battery compliance testing will be submitted during the third quarter of 1993.

Very truly yours,

A handwritten signature in black ink, appearing to read "G. T. Weber, Jr.", written over a horizontal line.

G. T. Weber, Jr.  
General Manager Coking Operations  
USS Clairton Works

GTW/kb-93306  
Attachment

# **CONSENT DECREE PROGRESS REPORT**

USX CORPORATION

USS CLAIRTON WORKS

USS MON VALLEY WORKS

CLAIRTON WORKS

MON VALLEY WORKS

ROAD DUST CONTROL REPORTS

USS - A DIVISION OF USX CORPORATION

MON VALLEY WORKS

DUST SUPPRESSANT APPLICATION SUMMARY FOR UNPAVED ROADS

**APRIL, 1993**

<u>DATE</u>	<u>ROAD NUMBER(S)</u>	<u>DILUTION RATIO</u>
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**EDGAR THOMSON**

4/6	4,11,12	4:1
4/7	3	4:1
4/8	2,11,12,13	5:1
4/11	3	8:1
4/14	7,11	6:1
4/15	3,4	6:1
4/19	1	2:1
4/23	3	6:1

**TAYLOR DUMP**

4/3	10	4:1
4/6	10	4:1
4/23	10	4:1

**CAMETCO**

4/6	9	4:1
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USS - A DIVISION OF USX CORPORATION

MON VALLEY WORKS

DUST SUPPRESSANT APPLICATION SUMMARY FOR UNPAVED ROADS

**MAY, 1993**

<u>DATE</u>	<u>ROAD NUMBER(S)</u>	<u>DILUTION RATIO</u>
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**EDGAR THOMSON**

5/6	3,4,7	6:1
5/10	2,3,4,5,7,8,12	5:1
5/11	5,12,4DC	5:1
5/13	1,2,3,4,7,11,12, SHASTA, BOP BRICK SHED	4:1
5/17	3,4	4:1
5/18	2,12, STORAGE LOT	4:1
5/20	2,3,4,7,8, LOCO SHOP FDY AREA	4:1
5/23	2,3,4,5,6,14	4:1
5/25	7	4:1
5/26	3	4:1

**TAYLOR DUMP**

5/6	10	4:1
5/11	10	4:1
5/17	10	4:1
5/23	10	4:1
5/26	10	4:1

**CAMETCO**

5/6	9	4:1
5/11	9	4:1

USS - A DIVISION OF USX CORPORATION

MON VALLEY WORKS

DUST SUPPRESSANT APPLICATION SUMMARY FOR UNPAVED ROADS

**JUNE, 1993**

<u>DATE</u>	<u>ROAD NUMBER(S)</u>	<u>DILUTION RATIO</u>
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**EDGAR THOMSON**

6/6	2,3,4,6,12, BOP, BS	4:1
6/11	7	4:1
6/12	1,2,3,4,6,8,11,12,13	4:1
6/14	7	4:1
6/16	2,5,6, BOP LOT, 6 FCE STORAGE AREA	4:1
6/17	7	4:1
6/19	3	4:1
6/27	1,2,3,4,6,7,11,12,13	4:1
6/30	3,4	4:1

**TAYLOR DUMP**

6/6	10	4:1
6/11	10	4:1
6/14	10	4:1
6/17	10	4:1
6/19	10	4:1
6/25	10	4:1
6/30	10	4:1

**CAMETCO**

6/17	9	4:1
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USS - A DIVISION OF USX

CLAIRTON WORKS AND MON VALLEY WORKS

DUST SUPPRESSANT APPLICATION SUMMARY FOR PAVED ROAD BERMS

**APRIL, 1993**

<u>DATE</u>	<u>ROAD NUMBER(S)</u>	<u>DILUTION RATIO</u>
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**EDGAR THOMSON**

NO DUST SUPPRESSANT APPLIED IN APRIL

**IRVIN**

4/11	I-1, I-2	4:1
4/11	N&S WATER TREATMENT	4:1
4/11	GALVANIZE	4:1
4/23	I-1, I-2	4:1

**CLAIRTON**

NO DUST SUPPRESSANT APPLIED IN APRIL



USS - A DIVISION OF USX

CLAIRTON WORKS AND MON VALLEY WORKS

DUST SUPPRESSANT APPLICATION SUMMARY FOR PAVED ROAD BERMS

**MAY, 1993**

<u>DATE</u>	<u>ROAD NUMBER(S)</u>	<u>DILUTION RATIO</u>
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**EDGAR THOMSON**

No Suppressant Applied in May

**IRVIN**

5/6	GALVANIZE	4:1
5/11	GALVANIZE, I-2	4:1
5/15	I-1, I-2	4:1
5/18	GALVANIZE, S. WATER TREATMENT	4:1
5/23	GALVANIZE, I-1, I-2 PARKING LOT	6:1

**CLAIRTON**

5/2	C-1, C-2, C-3	7:1
5/20	C-1, C-2, C-3	7:1

USS - A DIVISION OF USX

CLAIRTON WORKS AND MON VALLEY WORKS

DUST SUPPRESSANT APPLICATION SUMMARY FOR PAVED ROAD BERMS

**JUNE, 1993**

<u>DATE</u>	<u>ROAD NUMBER(S)</u>	<u>DILUTION RATIO</u>
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**EDGAR THOMSON**

No Suppressant Applied in June

**IRVIN**

6/6	I-1, I-2, GALVANIZE, N. & S. WATER TREATMENT, PARKING LOT	4:1
6/17	I-2, DUMP AREA	4:1
6/19	I-1, GALVANIZE	4:1

**CLAIRTON**

6/13	C-1, C-2, C-3	7:1
C-22	C-1, C-2, C-3	7:1

USS - A DIVISION OF USX CORPORATION

CLAIRTON WORKS AND MON VALLEY WORKS

CLAIRTON WORKS AND IRVIN PLANT

VACUUM SWEEPING SUMMARY

**APRIL, 1993**

<u>WEEKDAYS</u>	<u>ROAD NO.</u>	<u>REQUIRED DAYS OF CONTROL</u>	<u>TOTAL DAYS OF CONTROL</u>	<u>REASON FOR EXCLUSION</u>
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**CLAIRTON**

1	1-7	C-1	3	3	MINIMUM REQUIREMENT SATISFIED
1	1-7	C-2	3	3	MINIMUM REQUIREMENT SATISFIED
2	8-14	C-1	3	5	MINIMUM REQUIREMENT SATISFIED
2	8-14	C-2	3	5	MINIMUM REQUIREMENT SATISFIED
3	15-21	C-1	3	5	MINIMUM REQUIREMENT SATISFIED
3	15-21	C-2	3	5	MINIMUM REQUIREMENT SATISFIED
4	22-31	C-1	3	5	MINIMUM REQUIREMENT SATISFIED
4	22-31	C-2	3	5	MINIMUM REQUIREMENT SATISFIED
		C-3	2/month	17	MINIMUM REQUIREMENT SATISFIED

**IRVIN**

I-1	1/month	2	MINIMUM REQUIREMENT SATISFIED
I-2	1/month	2	MINIMUM REQUIREMENT SATISFIED

USS - A DIVISION OF USX CORPORATION

CLAIRTON WORKS AND MON VALLEY WORKS

CLAIRTON WORKS AND IRVIN PLANT

VACUUM SWEEPING SUMMARY

**MAY, 1993**

<u>WEEKDAYS</u>	<u>ROAD NO.</u>	<u>REQUIRED DAYS OF CONTROL</u>	<u>TOTAL DAYS OF CONTROL</u>	<u>REASON FOR EXCLUSION</u>	
<b>CLAIRTON</b>					
1	1-7	C-1	3	5	MINIMUM REQUIREMENT SATISFIED
1	1-7	C-2	3	5	MINIMUM REQUIREMENT SATISFIED
2	8-14	C-1	3	5	MINIMUM REQUIREMENT SATISFIED
2	8-14	C-2	3	5	MINIMUM REQUIREMENT SATISFIED
3	15-21	C-1	3	5	MINIMUM REQUIREMENT SATISFIED
3	15-21	C-2	3	5	MINIMUM REQUIREMENT SATISFIED
4	22-31	C-1	3	7	MINIMUM REQUIREMENT SATISFIED
4	22-31	C-2	3	7	MINIMUM REQUIREMENT SATISFIED
		C-3	2/MONTH	20	MINIMUM REQUIREMENT SATISFIED

**IRVIN**

I-1	1/MONTH	1	MINIMUM REQUIREMENT SATISFIED
I-2	1/MONTH	1	MINIMUM REQUIREMENT SATISFIED

USS - A DIVISION OF USX CORPORATION

CLAIRTON WORKS AND MON VALLEY WORKS

CLAIRTON WORKS AND IRVIN PLANT

VACUUM SWEEPING SUMMARY

**JUNE, 1993**

<u>WEEKDAYS</u>	<u>NO.</u>	<u>REQUIRED ROAD DAYS OF CONTROL</u>	<u>TOTAL DAYS OF CONTROL</u>	<u>REASON FOR EXCLUSION</u>
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**CLAIRTON**

1	1-7	C-1	3	7	MINIMUM REQUIREMENT SATISFIED
1	1-7	C-2	3	7	MINIMUM REQUIREMENT SATISFIED
2	8-14	C-1	3	5	MINIMUM REQUIREMENT SATISFIED
2	8-14	C-2	3	5	MINIMUM REQUIREMENT SATISFIED
3	15-21	C-1	3	5	MINIMUM REQUIREMENT SATISFIED
3	15-21	C-2	3	4	MINIMUM REQUIREMENT SATISFIED
4	22-30	C-1	3	8	MINIMUM REQUIREMENT SATISFIED
4	22-30	C-2	3	8	MINIMUM REQUIREMENT SATISFIED
		C-3	2/MONTH	24	MINIMUM REQUIREMENT SATISFIED

**IRVIN**

I-1	1/MONTH	2	MINIMUM REQUIREMENT SATISFIED
I-2	1/MONTH	2	MINIMUM REQUIREMENT SATISFIED

USS - A DIVISION OF USX CORPORATION  
 CLAIRTON WORKS AND MON VALLEY WORKS  
 EDGAR THOMSON PLANT  
 VACUUM SWEEPING SUMMARY

**APRIL, 1993**

<u>WEEK</u>	<u>ROAD DAYS</u>	<u>NO.</u>	<u>REQUIRED DAYS OF CONTROL</u>	<u>TOTAL DAYS OF CONTROL</u>	<u>FLUSHING</u>	<u>SWEEPING</u>	<u>REASONS FOR EXCLUS.</u>
1	1-7	E-1 - E-6	4	4	2	3	RAIN
2	8-14	E-1 - E-6	4	5	4	1	REPAIRS
3	15-21	E-1 - E-6	4	5	5	0	REPAIRS
4	22-30	E-1 - E-6	4	4	4	0	REPAIRS

USS - A DIVISION OF USX CORPORATION  
 CLAIRTON WORKS AND MON VALLEY WORKS  
 EDGAR THOMSON PLANT  
 VACUUM SWEEPING SUMMARY

**MAY, 1993**

<u>WEEK</u>	<u>ROAD</u> <u>DAYS</u>		<u>REQUIRED</u> <u>DAYS OF</u> <u>CONTROL</u>	<u>TOTAL</u> <u>DAYS OF</u> <u>CONTROL</u>	<u>FLUSHING</u>	<u>SWEEPING</u>	<u>REASONS</u> <u>FOR</u> <u>EXCLUS.</u>
1	1-7 E-1 - E-6		4	3	0	3	NONE
2	8-14 E-1 - E-6		4	4	2	3	NONE
3	15-21 E-1 - E-6		4	4	1	3	NONE
4	22-31 E-1 - E-6		4	4	1	3	NONE

USS - A DIVISION OF USX CORPORATION  
 CLAIRTON WORKS AND MON VALLEY WORKS  
 EDGAR THOMSON PLANT  
 VACUUM SWEEPING SUMMARY

**JUNE, 1993**

<u>WEEK</u>	<u>ROAD</u> <u>DAYS</u>	<u>NO.</u>	<u>REQUIRED</u> <u>DAYS OF</u> <u>CONTROL</u>	<u>TOTAL</u> <u>DAYS OF</u> <u>CONTROL</u>	<u>FLUSHING</u>	<u>SWEEPING</u>	<u>REASONS</u> <u>FOR</u> <u>EXCLUS.</u>
1	1-7	E-1 - E-6	4	5	2	3	NONE
2	8-14	E-1 - E-6	4	3	3	3	NONE
3	15-21	E-1 - E-6	4	5	1	4	SATISFIED
4	22-30	E-1 - E-6	4	6	3	3	NONE



USS - A DIVISION OF USX CORPORATION  
CLAIRTON WORKS AND MON VALLEY WORKS  
NON CONSENT DECREE ROADWAYS

**APRIL, 1993**

<u>ROAD</u>	<u>TOTAL DAYS OF CONTROL</u>
C-4	5
C-5	8
C-6	5
C-7	5
C-8	6
C-9	6
C-10	4
C-11	5
C-12	5
C-13	3
C-14	7

**MAY, 1993**

<u>ROAD</u>	<u>TOTAL DAYS OF CONTROL</u>
C-4	5
C-5	5
C-6	5
C-7	5
C-8	5
C-9	6
C-10	6
C-11	5
C-12	5
C-13	2
C-14	7

NON CONSENT DECREE ROADWAYS

**JUNE, 1993**

ROAD	TOTAL DAYS OF CONTROL
C-4	6
C-5	7
C-6	6
C-7	6
C-8	7
C-9	6
C-10	7
C-11	4
C-12	5
C-13	2
C-14	5

USS - A DIVISION OF USX CORPORATION  
CLAIRTON WORKS AND MON VALLEY WORKS  
ROADWAY MAINTENANCE SUMMARY

**APRIL, 1993**

<u>DATE</u>	<u>ROAD NUMBER(S)</u>	<u>ROAD MAINTENANCE PERFORMED</u>
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**CLAIRTON**

No Road Maintenance Done In April

**EDGAR THOMSON**

4/12-4/31	E-5	POT HOLE REPAIR
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**IRVIN**

No Road Maintenance Done In April

USS - A DIVISION OF USX CORPORATION  
CLAIRTON WORKS AND MON VALLEY WORKS  
ROADWAY MAINTENANCE SUMMARY

1

**MAY, 1993**

<u>DATE</u>	<u>ROAD NUMBER(S)</u>	<u>ROAD MAINTENANCE PERFORMED</u>
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**CLAIRTON**

5/12, 5/13	C-13	POT HOLE REPAIR
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**EDGAR THOMSON**

5/1-5/11	E-5	POT HOLE REPAIR ROAD PAVING
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**IRVIN**

No Road Maintenance Done In May

USS - A DIVISION OF USX CORPORATION  
CLAIRTON WORKS AND MON VALLEY WORKS  
ROADWAY MAINTENANCE SUMMARY

**JUNE, 1993**

<u>DATE</u>	<u>ROAD NUMBER(S)</u>	<u>ROAD MAINTENANCE PERFORMED</u>
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**CLAIRTON**

6/22, 6/23	C-2	POT HOLE REPAIR
6/24, 6/25	C-2	POT HOLE REPAIR

**EDGAR THOMSON**

No Road Maintenance Done In June

**IRVIN**

No Road Maintenance Done In June